

**CITY OF ASHEVILLE, NORTH CAROLINA  
CLASS SPECIFICATION**

**WATERSHED TECHNICIAN  
WATER RESOURCES DEPARTMENT**

**GENERAL STATEMENT OF DUTIES**

Performs skilled work operating heavy equipment in the maintenance of watershed roads and grounds; performs skilled work with small equipment, machinery and tools in the maintenance and repair of watershed and water treatment facilities and reservoir dam. Employee reports to the Water Production Maintenance Supervisor.

**DISTINGUISHING FEATURES OF THE CLASS**

An employee in this class performs skilled work by operating heavy equipment in an effort to maintain the forest resources and roads of one or more the City's water production facilities. Work involves inspecting roads and grounds for environmental conditions and concerns, and performing maintenance and repair work related to those roads and grounds. Work also involves the skilled use of small equipment, machinery and tools in maintaining and repairing one or more of the City's water production facilities and reservoir dam. Employee must exercise tact and courtesy in frequent contact with contractors, engineers, representatives of the state and federal forest service, and the general public. Some work is performed under general supervision and some is performed under limited supervision, independently and requires considerable independent judgment and initiative in completing tasks efficiently. All work, however, is performed under the supervision of the Water Production Maintenance Supervisor and is evaluated through conferences, reports and observation.

**ILLUSTRATIVE EXAMPLES OF WORK**

**ESSENTIAL JOB FUNCTIONS**

Operates heavy equipment including, but not limited to, dump trucks, backhoes, bulldozers, knuckleboom loaders, and tractors to assist with maintenance of grounds, roads and rights-of-way on the watershed properties.

Operates a variety of small machinery and equipment used in maintaining watershed forest resources and production facilities including, but not limited to, chainsaws, hand and power tools, motors, and lawnmowers.

Operates a small motor boat in order to observe and patrol lakeshores, and in order to remove debris from mechanical spillway gates.

Performs pedestrian and vehicle patrols of watershed properties to inspect for damage and erosion control, potential of fires and floods, and ensure proper forest-resource management of the properties.

## **WATERSHED TECHNICIAN**

Performs repairs and preventive maintenance heavy and small equipment and machinery.  
Locates and repairs ruptured water and chemical feed lines.  
Performs some pump and plumbing repairs and modifications.  
Performs maintenance to water treatment plant septic systems, filters, intake tunnels, and backwash lagoon valve controls.  
Assists emergency repairs and installations to the City's water distribution system including, but not limited to, system pumps, motors, gauges and plumbing.  
Inspects reservoir dam and assists contract engineers with dam maintenance.  
Assists local agencies and commissions with special projects involving wildlife management and protection.  
Assists the City's Water Production Division with special projects.  
Establishes and maintains a variety of files and records, and prepares routine reports.  
Performs general yard and landscape maintenance as needed.

### **ADDITIONAL JOB FUNCTIONS**

May be required to report for duty outside of normal working hours during emergency situations; must be available for "on call" assignments one week of the month.  
Performs related work as required.

### **KNOWLEDGE, SKILLS AND ABILITIES**

Considerable knowledge in the operations of heavy motorized equipment and a variety of small machinery and equipment as they relate to maintenance to and repair of roads, grounds, and rights-of-way.

Considerable knowledge of the various types of power and hand tools used in daily work.

Considerable knowledge of the geographical layout of the City's watersheds and distribution system.

General knowledge of environmental laws, rules and regulations as they relate to watersheds, water distribution and forest management.

General knowledge of the organization and operation of City government, and of the department or division.

General knowledge of forestry wildlife and management techniques.

General knowledge of forest fire suppression tools and techniques.

Skill in inspecting watershed site for environmental conditions and concerns.

Skill in performing fire inspections.

Skill in inspecting dams.

Ability to operate motor vehicles, heavy equipment, and power and hand tools.

Ability to walk moderate distances.

Ability to maintain a variety of accurate files and records and to compile data from such records.

Ability to establish and maintain effective working relationships as necessitated by work assignments.

# **WATERSHED TECHNICIAN**

## **MINIMUM EXPERIENCE AND TRAINING**

Graduation from high school and 2 to 3 years of related experience; and/or any equivalent combination of training and experience required to perform the essential position functions.

## **SPECIAL REQUIREMENTS**

Possession of a valid and appropriate Commercial Driver's License issued by the State of North Carolina. Possession or the ability to obtain within two years of date of hire Confined Spaces and Class "C" Water Distribution Certificates issued by the State of North Carolina.

## **COMPETENCIES**

**Technical Competency:** Ability to use the tools and concepts of the specialty area in which the employee works. Includes using appropriate processes, procedures, resources, and work or professional standards.

**Interpersonal Competency:** Ability to work with people, develop and maintain work relationships, communicate, manage conflict, and perform as an effective team member.

**Intellectual Competency;** Ability to think, learn and process information. Ability to solve problems and gather necessary information. Includes having math and reading skills appropriate to job level.

**Customer Service:** Ability to identify customers, determine the valid needs of a situation, and provide service or service recovery in a manner that satisfies the customer.

**Organizational and Community Sensitivity:** Ability to take the larger perspective into account, recognize organizational and community priorities and balance actions appropriately.

**Physical Skills:** Ability to perform required jobs with adequate strength, dexterity, coordination and visual acuity (with reasonable accommodation[s] if needed) and in a manner that does not pose a direct threat to the health or safety of the employee or others in the workplace.

Non-Exempt  
Salary Grade 10